

Study of Medical Capability in Support of Ship to Objective Maneuver Modeling and Simulation

Purpose: The ability to provide appropriate medical care in remote and austere environments has made substantial advances in recent years with new training and technologies. Various efforts within DoD are underway to improve the capture and value of information gathered during treatment of combat casualties. However, no systematic database of medical treatment records of casualties has been developed for the United States Marine Corps.

Background: Naval Health Research Center (NHRC), San Diego established specialized medical modeling and simulation tools needed to assist medical planners and project focused logistics solutions to various operations.

Description: NHRC shall perform a study of the medical capability requirements for support of Ship to Objective Maneuver (STOM) and Distributed Operations (DO). The use of existing surgical capabilities such as the Forward Resuscitative Surgical System is prohibitive within the STOM/DO environment. NHRC shall provide modeling and simulation, software engineering support and subject matter expertise in identifying the medical support requirement for STOM and DO.



Deliverables: NHRC shall provide the MCWL with a complete report of casualty type and treatment requirements. They will provide analysis and recommendations for a focused logistics medical capability that will provide adequate support to STOM and DO.

Milestones:

TASK	FY06
Perform Analysis	▲▲
Perform Phase II Study	▲▲
STOM Medical Workshop	▲
Incorporate into Experimentation	▲

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